MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY 1954

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

FEBRUARY 1954
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	64.9	63.3	63.3	63.8	16.3	11.6	12.4	15.8	14.1	14.1
2	61.8	60.6	59.2	60.5	26.2	14.3	13.0	16.6	14.6	14.7
3	50.5	56.6	59.5	55.5	25.7	11.3	25.4	16.2	14.7	18.8
4	62.4	62.3	62.5	62.4	16.0	13.3	13.9	15.3	14.4	14.5
5	63.4	63.4	63.7	63.5	16.6	10.8	14.6	15.6	12 4	14.2
6	62.8	60.7	60.6	61.4	15.3	11.3	12.7	15.2	12.8	13.6
7	60.5	60.2	59.9	60.2	15.4	9.1	13.3	15.0	10.7	13.0
8	59.7	58.1	57.3	58.4	15.3	8.3	12.4	15.0	12.8	13.4
9	52.0	52.0	54.4	52.8	13.7	8.9	10.1	13.6	12.5	12.1
10	55.6	54.9	57.5	56.0	13.2	9.3	9.3	12.1	12.2	11.2
11	59.6	59.6	59.9	59.7	14.3	10.6	11.9	12.0	11.7	11.9
12	60.7	59.8	59.8	60.1	17.2	12.4	12.8	16.7	13.4	14.3
13	58.5	58.0	58.0	58.2	17.7	13.1	14.4	16.9	13.9	15.1
14	56.1	54.9	55.6	55.5	17.5	11.4	14.8	17.2	12.5	14.8
15	55.7	57.6	60.4	57.9	15.4	11.1	13.8	14.6	12.4	13.6
16	62.0	61.7	62.4	62.0	17.5	11.7	14.4	16.1	14.7	15.1
17	62.5	61.7	61.9	62.0	17.1	12.8	13.9	16.7	14.4	15.0
18	59.5	59.5	55.0	58.0	20.9	16.1	14.1	16.4	16.5	15.7
19	55.3	55.8	57.4	56.2	21.0	10.9	20.0	17.2	15.2	17.5
20	59.9	60.4	63.5	61.3	17.7	11.4	11.7	16.8	13.2	13.9
21	67.7	68.0	69.1	68.3	18.5	12.0	13.3	17.8	14.2	15.1
22	65.6	62.1	60.1	62.6	19.4	13.9	14.4	19.1	14.8	16.1
23	58.2	58.0	58.3	58.2	17.8	13.2	15.6	16.8	14.4	15.6
24	59.5	60.5	61.9	60.6	14.6	11.1	10.8	14.4	12.2	12.5
25	63.1	61.4	60.8	61.8	16.7	9.7	12.8	13.8	12.4	13.0
26	60.2	60.3	61.4	60.6	13.3	9.2	12.1	9.9	9.7	10.6
27	62.6	63.0	65.0	63.5	16.0	10.0	12.4	15.2	11.4	13.0
28	66.7	66.7	67.5	67.0	17.5	11.4	14.1	16.5	12.8	14.5
29										
30										
31										
	60.25	60.04	60.57	60.28	17.28	11.43	13.73	15.52	13.25	14.17

Barometer, range for month 769.1 mm. — 750.5 mm.
„ 71-yr. average for month 761.982 mm.
Thermometer, range for month 26.2°C — 8.3°C
„ 71-yr. average for month 14.29°C
Rain total for month 184.14 mm.
„ 71-yrs average for month 157.75 mm.
„ Total, Sept. 1st. to end of month 793. 50mm.
„ 71-yrs. average. Sept. 1st. to end of month 722.30mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	10.1	11.1	13.4	11.5	73	62	85	73	10.0	159.0	
2	8.3	13.6	10.1	10.7	56	72	61	63	3.1	217.0	
3	8.1	15.1	10.1	11.1	24	82	62	56	1.7	935.0	3.30
4	13.4	13.0	12.5	13.0	84	74	76	78	0.8	430.0	14.99
5	11.5	11.1	10.1	10.9	69	63	71	68	7.3	232.0	
6	9.6	10.6	11.0	10.4	64	62	73	66	9.7	146.0	
7	11.9	10.1	11.8	11.3	77	60	91	76	2.9	431.0	4.32
8	10.5	9.6	11.0	10.4	74	56	74	68	4.5	391.0	6.60
9	11.4	10.5	9.6	10.5	93	68	69	77	0.9	668.0	43.69
10	11.0	11.9	9.6	10.8	92	84	68	81	0.4	650.0	50.29
11	10.5	11.4	11.4	11.1	78	81	83	81	1.5	251.0	8.64
12	12.4	13.6	11.9	12.6	85	71	78	78	6.6	61.0	2.54
13	9.2	13.6	11.5	11.4	56	72	72	67	9.9	56.0	
14	13.5	9.2	11.0	11.2	78	49	78	68	0.1	280.0	1.25
15	11.5	11.5	11.0	11.3	74	71	78	74	3.2	332.0	
16	13.4	13.1	12.5	13.0	82	70	76	76	8.1	248.0	1.52
17	10.5	13.1	13.4	12.3	66	70	83	73	10.2	106.0	
18	9.6	15.1	13.6	12.8	62	84	72	73	0.2	291.0	
19	11.5	16.9	15.0	14.5	50	85	88	74	1.8	517.0	5.59
20	10.5	12.6	11.0	11.4	77	66	71	71	6.9	393.0	10.67
21	13.4	14.8	13.9	14.0	90	73	86	83	4.5	109.0	6.61
22	10.6	12.9	15.0	12.8	64	60	89	71	10.6	193.0	
23	11.1	12.6	10.6	11.4	63	68	65	65	7.6	558.0	
24	10.5	11.5	11.9	11.3	83	70	84	79	2.7	597.0	6.09
25	11.4	11.9	11.9	11.7	76	74	85	78	4.1	735.0	9.90
26	10.1	10.5	9.2	9.9	73	86	80	80	0.9	502.0	7.87
27	9.2	10.1	9.6	9.6	66	60	73	66	10.0	146.0	
28	9.6	10.7	10.1	10.1	62	57	68	62	8.5	106.0	
29											
30											
31											
	10.87	12.20	11.56	11.53	71.1	69.6	76.4	72.3	4.95	347.86	6.58

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1e	1n	2ne	light	D., a.m.p.m.
2	10st	10st	10st	10.0	1ne	1e	1e	,,	D., a.m.p.m.
3	9cu-st	10st-ni	10st-ni	9.7	3sw	3sw	2sw	slight	
4	10st-ni	10cu-ni	10st	10.0	2sw	2sw	1sw	rough	
5	9cu-st	6cu	0	5.0	1w	2w	1ne	light	D., p.m.
6	0	0	4st	1.3	1se	1n	1se	light	D., a.m.p.m.
7	10ni	9cu-st	10ni	9.7	1s	2sw	2sw	,,	Tr,. a. m. Th., p.m.
8	10cu-ci	10st	10st	10.0	1se	1sw	1se	,,	
9	10ni	10st-ni	10st-ni	10.0	1se	2sw	3w	,,	Th., p.m.
10	10ni	10st-ni	9cu-ni	9.7	1sw	3sw	2sw	rough	
11	10cu-st	10ni	10ni	10.0	1se	1sw	1sw	mod.	
12	10st	5cu-st	0	5.0	1s	1ne	1se	light	D., p.m.
13	0	0	0	0.0	1s	1n	1ne	,,	D., a.m. p.m.
14	10st	10st	10st-ni	10.0	1ne	1sw	1sw	,,	D., a.m.
15	10cu-st	7st	7st	8.0	2n	1n	1se	,,	Tr., a.m.
16	6cu-ni	10cu-ni	9cu-st	8.3	1s	1sw	1w	light	
17	0	9st	10st	6.3	1se	1n	1ne	,,	D., p.m.
18	10st	10st	10st	10.0	1sw	1ne	1ne	,,	D., a.m. Tr., p.m.
19	10st-ni	10st-ni	10st-ni	10.0	2sw	2sw	1sw	,,	
20	10ni	4cu-st	0	4.7	1sw	1sw	2ne	,,	
21	10ni	7cu-st	0	5.7	1se	1sw	1se	light	D., p.m.
22	0	0	0	0.0	1e	1sw	1ne	,,	D., a.m. p.m.
23	6cu	6cu	3st	5.0	2sw	3w	1w	,,	D., a.m. Tr., p.m.
24	10ni	10st-ni	10ni	10.0	2se	2s	2sw	,,	
25	10cu-ni	10st-ni	10st-ni	10.0	1s	2sw	3sw	,,	
26	10cu-ni	10ni	10st-ni	10.0	3sw	2n	1nw	mod.	
27	5cu	3cu	0	2.7	1se	1n	1ne	light	
28	10cu-st	4cu-st	0	4.7	1s	1n	1n	,,	
29									
30									
31									
	mean			6.99					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	2	2	8	6	8	1	0	0	28
14:30	8	2	1	0	1	14	2	0	0	28
20:30	1	8	1	5	0	9	3	1	0	28
Total	10	12	4	13	7	31	6	1	0	84

Number of days with rain 16, fog 2, thunderstorms 2, gale 0.
71 yr. av. number of days with rain during month 13.9